

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Claim 1 (currently amended): A method of verifying an identity of a sender of a telephone call over an Internet network, comprising the steps of:

inserting into a field of a call set-up request frame an encrypted control code containing parameters relating to the identity of a telecommunications terminal from which the telephone call is sent;
decrypting, at a remote call management server, the encrypted control code;
comparing at least one parameter ~~the parameters~~ extracted from the decrypted control code with corresponding information stored in a database hosted in the management server; and
setting up the call as a function of the result of said comparison.

Claim 2 (previously presented): The method according to claim 1, further comprising the step of:

comparing the parameters extracted from the decrypted control code with corresponding information extracted from the call set-up request frame.

Claim 3 (previously presented): The method according to claim 1, wherein the information stored in the database includes an address identifying the telecommunications terminal.

Claim 4 (previously presented): The method according to claim 3, wherein said information is transferred from the terminal to the database during a first call sent by the telecommunications terminal.

Claim 5 (previously presented): The method according to claim 2, wherein the information extracted from the call set-up request frame includes the IP address of the telecommunications terminal and the calling number of the terminal.

Claim 6 (previously presented): The method according to claim 1, wherein the encrypted control code is produced from an encrypted function of an address identifying the telecommunications terminal and the IP address of the telecommunications terminal.

Claim 7 (previously presented): The method according to claim 6, wherein the IP address of the telecommunications terminal is sent by an Internet network access provider to a verification module associated with the telecommunications terminal.

Claim 8 (previously presented): The method according to claim 2, wherein the information extracted from the call set-up request frame includes an IP address of a gateway which is configured to connect a private network to a telecommunications network and the calling number of the telecommunications terminal.

Claim 9 (previously presented): The method according to claim 8, wherein the encrypted control code is produced from an encrypted function of the IP address identifying the telecommunications terminal and the IP address of the gateway.

Claim 10 (previously presented): The method according to claim 8, wherein the IP address of the telecommunications terminal is sent by an Internet network access provider to a verification module associated with the gateway.

Claim 11 (currently amended): An installation for verifying an identity of a sender of a telephone call over an Internet network, comprising:

a call management server configured to cause the set-up ~~initiate set-up~~ of a call between calling and called telecommunications terminals as a function of parameters contained in a call set-up request frame sent by the calling telecommunications terminal, the management server comprising:
means for decrypting an encrypted control code inserted into the call set-up request frame, the encrypted control code containing parameters relating to the identity of the calling telecommunications terminal; and
means for comparing at least one parameter ~~the parameters~~ extracted from the control code decrypted by the decrypting means with a corresponding

code stored in a database hosted in the server to authorize the set-up of the call as a function of a result of the comparison.

Claim 12 (previously presented): The installation according to claim 11, further comprising:
means for comparing the parameters extracted from the decrypted control code with
corresponding information extracted from the call set-up request frame.

Claim 13 (previously presented): The telecommunications terminal for an installation according to claim 11, said telecommunications terminal including a verification module which is configured to insert the encrypted control code into the call set-up request frame.

Claim 14 (currently amended): ~~[[A]]~~ The terminal according to claim 13, wherein the verification module includes means for producing an encrypted function of the IP address identifying the telecommunications terminal and the IP address of the telecommunications terminal.

Claim 15 (previously presented): The terminal according to claim 13, wherein the verification module includes means for producing an encrypted function of the IP address identifying the telecommunications terminal and the IP address of a gateway for connecting a local area network to a public telecommunications network.

Claim 16 (previously presented): The method according to claim 9, wherein the IP address of the telecommunications terminal is sent by an Internet network access provider to a verification module associated with the gateway.